

**General information**

Wellbore name	34/10-45 B
Type	EXPLORATION
Purpose	WILDCAT
Status	RE-CLASS TO DEV
Press release	link to press release
Factmaps in new window	link to map
Main area	NORTH SEA
Field	GULLFAKS
Discovery	34/10-45 B
Well name	34/10-45
Seismic location	
Production licence	050
Drilling operator	Statoil ASA (old)
Drill permit	1068-L
Drilling facility	GULLFAKS B
Drilling days	49
Entered date	07.10.2003
Completed date	24.11.2003
Plugged date	24.11.2003
Release date	24.11.2005
Publication date	27.01.2017
Purpose - planned	WILDCAT
Reclassified to wellbore	34/10-B-42 E
Reentry	NO
Content	GAS/CONDENSATE
Discovery wellbore	YES
1st level with HC, age	LATE CRETACEOUS
1st level with HC, formation	NO FORMAL NAME
Kelly bushing elevation [m]	81.0
Water depth [m]	142.5
Total depth (MD) [m RKB]	7928.0
Final vertical depth (TVD) [m RKB]	2206.0
Maximum inclination [°]	90.5
Oldest penetrated age	MIDDLE JURASSIC
Oldest penetrated formation	TARBERT FM
Geodetic datum	ED50
NS degrees	61° 12' 9.93" N
EW degrees	2° 12' 5.93" E



NS UTM [m]	6785795.10
EW UTM [m]	457094.51
UTM zone	31
NPDID wellbore	4824

Wellbore history

General

Well 34/10-45 B drilled from the Gullfaks B installation to a structure south of Gullfaks Vest. The main purpose of the well was to test a prospect in the Middle Jurassic Age.

Operations and results

Wildcat well 34/10-45 B was kicked off from development well 34/10-B-42 D on 10 October 2003 and drilled from slot 30 on the fixed installation Gullfaks B. It was drilled to TD at 7928 m (2206 m TVD) in the Middle Jurassic Tarbert Formation. The well was drilled with Paratherm oil based mud from kick-off to TD.

Gas/condensate was proven in a Cretaceous sandstone within the Kyrre Formation, informally named the Krans member.

No cores were cut and no fluid sample was taken.

The well was completed on 24 November 2003 as a gas/condensate discovery and subsequently reclassified to production well 34/10-B-42 E.

Testing

No drill stem test was performed.

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
223	NORDLAND GP
1910	HORDALAND GP
2394	ROGALAND GP
2394	BALDER FM
2757	LISTA FM
3664	SHETLAND GP
7126	KYRRE FM
7264	VIKING GP
7264	HEATHER FM
7720	BRENT GP
7720	NESS FM
7851	TARBERT FM



Logs

Log type	Log top depth [m]	Log bottom depth [m]
V675 ADN ISON PATH	4051	7928

Casing and leak-off tests

Casing type	Casing diam. [inch]	Casing depth [m]	Hole diam. [inch]	Hole depth [m]	LOT/FIT mud eqv. [g/cm3]	Formation test type
CONDUCTOR	9 5/8	5420.0	12 1/4	5420.0	0.00	LOT
LINER	7	7928.0	8 1/2	7928.0	0.00	LOT

Drilling mud

Depth MD [m]	Mud weight [g/cm3]	Visc. [mPa.s]	Yield point [Pa]	Mud type	Date measured
4105	1.60	34.0		PARATHERM	
6998	1.62	42.0		PARATHERM	